

Summary of Changes in CGAP 1.2.3 iteration 2 (August 13, 2004)

Scheduled to be deployed in TEST on Friday August 13 or Monday August 16

Please note that spec and ticket numbers are for internal reference.

New Functionality and Validations

- If application is in response to an RFA, direct costs are not limited to 500k for a single year (spec 1.2.1.3.3.16)
- If RFA/PA expiration date is in the past, provide a warning instead of generating an error (spec 1.2.1.5.16.1)
- If application is in response to an RFA, provide warning if it is submitted after the receipt date for that RFA (spec 1.2.1.5.16.1)
- Ignore hyphens when validating FundingOpportunityNumber; store the number correctly in the database (spec 1.2.1.5.16.1).
- Split the validation on prior number for a revision (spec 1.2.2.2) on existence of prior number and association with institution into two separate validations: one for whether the prior number exists in the NIH database, and one for whether the prior grant is associated with the same institution. Error messages read as: “The prior grant is associated with a different organization”, and “Revisions can only be submitted for the same organization as the prior grant.”
- The Budget Justification for the detailed budget, which had been part of the structured data, will now be received as a PDF attachment instead. For full-budget applications, budget justification used to be part of the “Budget For Entire Proposed Period” page. As a separate pdf file, the budget justification will now appear in the Grant Image at the top of the page following the “Budget For Entire Proposed Period” page. See related schema changes below. The budget justification validation requirements still remain same. We used to validate existence of budget justification text for certain conditions, now we validate the existence of a PDF attachment for the same conditions.
- An electronic Appendix will now be accepted, as a PDF attachment. The appendix will be displayed as a separate item in the Grant Folder, not as part of grant image. See related schema Changes below.

Defect Fixes

Ticket	Fix Description
19302	Provide an invalid DUNS number, and CGAP sends a misleading error. Error now reads: “Please provide a valid DUNS number for Applicant Organization.”
18585	Allows Service Providers to submit alphanumeric DUNS IDs in Tickets.
19027	Error message ID 20849 has a typo. Misspelling on REQUESTED has been fixed.
19003	OrganizationDivision and OrganizationDepartment are mandatory components for Key Person with PI role; however, when values of were set to be blank, no

Ticket	Fix Description
	error messages were given. Errors are now provided as: The PI ORGANIZATION DIVISION element is required. The PI ORGANIZATION DEPARTMENT element is required.
17942	The mismatch algorithm for Contact Information had some fundamental flaws. For example, if a fax number is provided in the data stream, but no fax number exists in the PI user's Commons PRF, the application goes through successfully. This applies for all the other elements in contact information.
17420	Fixed defects with primary and alternate project site data rendering in the PDF: <ol style="list-style-type: none"> 1. The heading indicates data in the format of "organization, city, state". We are also providing the zipcode. 2. There needed to be a comma between the city and state.

Schema Changes

1. Ticket.xsd—The data type for InstitutionID is changed to xs:token so that this can accept alphanumeric DUNS_IDs.

2. nihschema.xsd—

A) Appendix has been added to ResearchApplicationExtension element. This is an optional element and is of type "common:FileIdentifierType". The content ID assigned for this attachment is "appendix". If an electronic appendix is supplied, this element needs to be present at the end of the <ResearchApplicationExtension> element. Example: <Appendix>appendix</Appendix> and the Appendix PDF need to be attached to the cgap soap package. Example: Content-Type: application/pdf Content-Id: appendix

Then the actual pdf follows.

B) Budget Justification is changed from description block type to common:File Identifier.

A PDF attachment is needed for budget justification, if provided, instead of text as previously accepted. So what used to be:

```
<BudgetJustification><Text>There are Alterations and Renovations so budget justification text is required </Text></BudgetJustification>
```

Changed to: <BudgetJustification>budget_justification</BudgetJustification>

budget_justification is the content ID assigned. So the budget_justification need to be attached to SOAP package as shown in example:

Content-Type: application/pdf

Content-Id: budget_justification

Then the actual pdf follows.

Known Defects and Workarounds

The following defects were not addressed in this release due to resource constraints.

Workarounds are described below:

Ticket	Defect/Workaround
17827	For the PDPI contact information, if an empty country code tag is provided, and a VALID zipcode is provided, the following error is given, which may be misleading: "The Zip Code field must contain a 5-digit or 9-digit number. Please re-enter data in the Zip Code field." A workaround is to include the correct country code.
15064	Exchange schema validation errors for 'ForeignApplicationIndicator' even though it is not mandatory. Workaround is to always provide a value for 'ForeignApplicationIndicator'.
20305	CGAP does not be able to support PDFs generated by the Service Providers using Acrobat Plug-Ins from Microsoft Word. We plan to update the software tool we are using so that we can support the Acrobat Plug-Ins. For now Service Providers should generate their PDFs using a different method.
20344	Currently when the PI submits the congressional district as '9', our database recognizes '09' and an error is generated. Add a leading zero onto any one-character congressional district prior to performing validation. For the purpose of rendering the grant image, use whatever the applicant sent in (9 or 09). Workaround is to include leading "0" for one-character Congressional districts.